Product Information

# FWD-65HX920P

65” BRAVIA Professional Full HD monolithic screen with Motionflow XR 800, Intelligent Peak LED backlight and 3D capability for public display, office and educational digital signage

Our sleek FWD-65HX920P 65” BRAVIA Professional screens have an incredibly slim profile, yet bring the acclaimed performance and style of Sony’s established BRAVIA screen technology to those wanting the highest quality digital signage. These screens can truly enhance many larger professional, educational, corporate or retail environments - providing smart, clear digital messaging.

The FWD-65HX920P features Full HD resolution, Intelligent Peak LED backlight, Motionflow XR 800 and an Ambient Sensor (adjusting both brightness and colour temperature) for superbly bright, clear images.

Stunning 3D capability means that you can choose to enhance your presentations using this latest technology – and with this model you receive 2 pairs of 3D glasses.

An Intelligent Presence Sensor delivers a personalised viewing experience and still means your screen is eco-conscious, and energy-saving. USB playback ensures quick content deployment.

The FWD-65HX920P comes bundled with an HDMI-RS232C converter box and a 3-year warranty.

## Features

### Superlative contrast with Intelligent Peak LED backlight

Sony achieves spectacular contrast with the Intelligent Peak LED Backlight. LEDs arrayed directly behind the screen raise and lower light level, area by area. You get incredibly deep blacks and outstanding peak highlights in every scene. Compared with conventional, fluorescent tube backlighting, the LEDs enable a thinner profile and higher energy efficiency, being around a third of the depth, and consuming less power.

## Monolithic design

Due to the optical properties of the image matching those of the glass, the image appears to float on the front surface of the glass. When powered down, the screen appears to be a seamless black monolith.

## Standard External Control Terminals

It comes with HDMI-RS232C converter box which enables external control of the display, for features like volume control and more.

## Ambient Sensor

The Ambient Sensor ensures your screen looks great in daylight, fluorescent light, incandescent light or darkness. It also detects the lighting conditions and automatically adjusts both the brightness and colour temperature accordingly, saving energy by reducing brightness at night.

## Intelligent Presence Sensor

Experience a screen that knows where you are in the room, and adjusts accordingly. Using a built-in camera, with ‘face detection’ and ‘motion detection’, the Intelligent Presence Sensor switches the screen into Standby mode to save power when nobody is watching, warns children when they are too close to the screen and even optimises the picture and sound based on where people are in the room.

## Internet Capability

All models feature RJ45 input and wifi capability (with extra external accessories), allowing customers to surf the web via the built-in browser.

## Skype™ Ready

Now BRAVIA Professional owners can take advantage of free Skype-to-Skype Internet voice and video calls. Widely popular for PC-based phone calls, the Skype service is a great way to keep in touch with friends and family at little or no cost. Sony makes it easy – simply attach the dedicated Sony camera/microphone (sold separately).

## 3D Capacity

Stunning 3D capability means that you can choose to enhance your presentations using this latest technology – and with this model you receive 2 pairs of 3D glasses.

### USB Playback

For easy, entry-level signage displays, you can play a variety of content straightaway from a USB memory stick, complete with looping and adjustable interval settings.

### Wide variety of input options

Models can accept a wide variety of input sources, including 4 x HDMI, laptop, Blu-ray and DVD player.

### Picture frame mode

This power-saving mode comes as standard, allowing the screen to be used to show artwork or user-generated images as if it were a picture frame.

### Enhanced on-screen interface

BRAVIA Professional displays now feature a refinement of the Xross Media Bar™ (xmb™) user interface. Now it’s easier than ever to take advantage of all of your screen’s features: the content continues to play in a window as you navigate the menus; the feature categories appear across the bottom of the screen, while the feature choices appear on the right-hand side.

## Technical Specifications

### Display Features

| | |
|---|---|
| Inch Size | 65" |
| Backlight Type | Intelligent Peak LED |
| OptiContrast Panel | Yes |

### Display Specs

| | |
|---|---|
| Panel Frequency | 200Hz |

| | |
|---|---|
| Display Resolution | Full HD |
| Aspect Ratio | 16:09 |

## Video Features

| | |
|---|---|
| Picture Mode | 13modes ( Vivid / Standard / Custom /Photo-Vivid / Photo-Standard / Photo-Original / Photo-Custom / Cinema / Game-Standard / Game-Original / Graphics / Sports / Animation ) |
| Video Processing | X-RealityPRO |
| Motionflow | Motionflow XR 800 |
| Advanced Contrast Enhancer (ACE) | Yes |

## 3D Features

| | |
|---|---|
| 3D Sync Transmitter Integrated | Yes |
| 3D | Yes |
| Simulated 3D | Yes |

## Audio Specs

| | |
|---|---|
| Speaker Position | Rear Facing |

Audio Power Output 10W + 10W + 10W

Speaker Configuration2,1

## Audio Features

Invisible Speaker (w/Sound Elevation)Yes

Sound Mode Dynamic / Standard / Clear Voice

Surround Effect Cinema / Sports / Music / Game

Auto Mute (on no signal) Yes

## Network Features

Skype™ Yes

Wi-Fi Direct Network Update(WLAN Integrated model)

Media Remote Yes(Network Update)

HTML BrowserYes

DLNA Yes

Wireless LAN Integrated

## Convenience Features

| | |
|---|---|
| Quick Start & Viewing | Yes |
| USB HDD Rec | Ready |
| Twin Picture | PAP (Variable) |
| Control for HDMI (HDMI CEC) | Yes |
| Skin Naturalizer | Yes |
| Scene Select | Photo / Music / Cinema / Game / Graphics / Sports / Animation |
| i-Manual | Yes |
| PAP/PIP | Yes / Yes |
| Input Skip | Automatic |
| On Screen Clock | Yes |
| Sleep Timer / On/Off Timer | Yes / Yes |
| USB Play | Yes |
| Picture Frame Mode | Yes |
| Multiple Language Display | 27 Languages |

## Sensing Features

| | |
|---|---|
| Ambient Sensor | Yes |
| Intelligent Presence Sensor | Yes |
| Dynamic Backlight Control | Yes |
| Backlight Off Mode | Yes |
| Energy Saving Switch | Yes |

## General Features

| | |
|---|---|
| Hotel Mode Menu | Yes |
| RS-232C Control | Yes ( with supplied HDMI converter box) |

## Design Features

| | |
|---|---|
| Monolithic Design | Yes |
| Illuminated Sony Logo | Yes |

## Inputs and Outputs

| | |
|---|---|
| RF Connection Input(s) | 1 (Rear) |
| Composite Video Input(s) | 1 (Rear/1 Hybrid) |

| | |
|---|---|
| Component Video (Y/Pb/Pr) Input(s) | 1(Rear/Hybrid) |
| SCART (without Smartlink) | 1(Rear) |
| HDMI™ Connection(s) (Total) | 4(1 Side/3Rear) |
| PC In (D-Sub) + Audio In (Stereo Mini) | D-Sub 1(Side) / Mini 1(Rear) |
| Video Out (SCART) | 1 (Rear) |
| Analog Audio Input(s) (Total) | 1(Rear) |
| Digital Audio Output(s) | 1(Rear) |
| Audio Out | 1(Side) Hybrid w/HP |
| Headphone Output(s) | 1(Side) Hybrid w/Audio out |
| USB | 2(Side) |
| Ethernet Connection(s) | 1(Rear) |
| RS-232C Input(s) | Yes ( with supplied HDMI converter box) |
| HDMI™ PC Input | Yes |

## Power

| | |
|---|---|
| Power Requirements | AC 220-240V / 50Hz |

## Recycled & Recyclable Materials

Packaging MaterialsRecycled Carton (more than 70%)

## Supplied Accessories

| | |
|---|---|
| RM-ED041 (AL-Simple_AEP) | Remote Control |
| TDG-BR250 x2 | 3D Glasses |
| separate (HDMI connection required) | HDMI-RS232C Converter |
| separate (assembly required) | Table Top Stand |